

~~SECRET~~

CLASSIFIED BY NSICG/F33M57K81
REASON: 1.4 (c)
DECLASSIFY ON: 12-31-2039
DATE: 05-22-2015
ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED EXCEPT
WHERE SHOWN OTHERWISE

b6
b7C
b7E

[redacted] (FBI)
From: [redacted] (FBI)
Sent: Thursday, December 11, 2014 5:49 PM
To: [redacted] (FBI)
Cc: [redacted] (FBI); [redacted] (FBI)
Subject: OTD Training request --- ~~SECRET//NOFORN~~

Follow Up Flag: Follow up
Flag Status: Flagged

[redacted] Caseld: NON-RECORD

Classification: ~~SECRET//NOFORN~~

~~Classified By: C87W67B32
Derived From: FBI NSIC, dated 20120629
Declassify On: 20391231~~

[redacted]
Thanks for taking my call this afternoon. As discussed, [redacted] recently met with the U.S. Attorney in the District of [redacted]. The U.S. Attorney and FBI [redacted] continue to prioritize their efforts on many high profile [redacted]. One of his talking points included how successful OTD's efforts have been in the area of [redacted] was greatly encouraged by the U.S. Attorney today to seek the assistance of your [redacted] in supporting [redacted] s ongoing CT investigations. [redacted]

b6
b7C
b7E

(S) [redacted]
(S) [redacted]
[redacted] simply would like to gain the best edge in overcoming this disadvantage and receive the latest information on [redacted] the legal process, and the best practices going forward with their CT cases.

b1
b3

It is with the email I am requesting that OTD send support to [redacted] in the form of training and guidance with latest in collection techniques to include policy/procedures on legal process. I would likely solicit [redacted] to assist with the legal process portion of the training.

b7E

The point of contact [redacted] for the request is [redacted]. Please feel free to reach out [redacted] myself for additional questions. Looking forward to our future collaboration on this.

b6
b7C
b7E

Respectfully,

b6
b7C
b7E

~~SECRET~~

ooVoo and Kik

- ooVoo – Foreign-owned, US-based servers, unencrypted
 - passive collection from phone data channel collects audio and IM
 - upstream collection possible but untested

Kik Messenger – Canadian company, encrypted

intractable encryption
app identification only



Operational Technology Division

~~SECRET~~

b7E

=====
Classification: ~~SECRET//NOFORN~~

~~SECRET~~

[REDACTED] (FBI)

b6
b7C
b7E

From: [REDACTED] (FBI)
Sent: Monday, December 01, 2014 1:59 PM
To: [REDACTED] (FBI)
Cc: [REDACTED] (FBI); [REDACTED] (FBI); [REDACTED] (FBI); [REDACTED] (FBI); [REDACTED] (FBI)
Subject: RE: Kik App --- UNCLASSIFIED//~~FOUO~~

Classification: UNCLASSIFIED//~~FOUO~~

Hi [REDACTED]

b6
b7C
b7E

The best strategy will likely be to [REDACTED]

What are the makes/models of the devices?

[REDACTED] can provide further guidance (CC'd).

b6
b7C
b7E

Thanks,

From: [REDACTED] (FBI)
Sent: Wednesday, November 26, 2014 5:14 PM
To: [REDACTED] (FBI); [REDACTED] (FBI)
Cc: [REDACTED] (FBI); [REDACTED] (FBI)
Subject: Kik App --- UNCLASSIFIED//~~FOUO~~

b6
b7C
b7E

Classification: UNCLASSIFIED//~~FOUO~~

Gentlemen,

[REDACTED] Squad, out of the [REDACTED] Division is in the middle of prosecuting a CT case and has a handful of phones in their possession pursuant to a search. They are aware [REDACTED]

b6
b7C
b7E
b7A

[redacted] Can either of your respective units assist with guiding them on handling/searching the evidence as safely as possible, or if not, refer me to the appropriate place who might?

b7E

Many thanks in advance,

[redacted]

b6
b7C

=====
Classification: UNCLASSIFIED//~~FOUO~~

=====
Classification: UNCLASSIFIED//~~FOUO~~

b6
b7C
b7E

[REDACTED] (FBI)

From: [REDACTED] (FBI)
Sent: Monday, December 01, 2014 2:59 PM
To: [REDACTED] (FBI)
Cc: [REDACTED] (FBI); [REDACTED] (FBI); [REDACTED] (FBI); [REDACTED] (FBI); [REDACTED] (FBI); [REDACTED] (FBI); [REDACTED] (FBI)
Subject: RE: Kik App --- UNCLASSIFIED//~~FOUO~~

Classification: UNCLASSIFIED//~~FOUO~~
=====

[REDACTED]

b6
b7C
b7E

Please let me know when you would like to discuss this case. We have historically been able to [REDACTED]
[REDACTED] Apps are consistently updated [REDACTED]
[REDACTED]

A couple of suggestions and questions:
[REDACTED]

b6
b7C
b7E

Let me know when you want to discuss.

[REDACTED]

b6
b7C
b7E

Please Visit our [REDACTED] Website

From: [REDACTED] (FBI)
Sent: Monday, December 01, 2014 1:59 PM
To: [REDACTED] (FBI)
Cc: [REDACTED] (FBI); [REDACTED] (FBI); [REDACTED] (FBI); [REDACTED] (FBI); [REDACTED] (FBI); [REDACTED] (FBI); [REDACTED] (FBI)
Subject: RE: Kik App --- UNCLASSIFIED//~~FOUO~~

b6
b7C

Classification: UNCLASSIFIED//~~FOUO~~
=====

Hi [REDACTED]

b6
b7C

The best strategy will likely be to [redacted]
[redacted]

b7E

What are the makes/models of the devices?

[redacted] can provide further guidance (CC'd).

b6
b7C

Thanks,

[redacted]

b6
b7C
b7E

From: [redacted] (FBI)
Sent: Wednesday, November 26, 2014 5:14 PM
To: [redacted] (FBI); [redacted] (FBI)
Cc: [redacted] (FBI); [redacted] (FBI)
Subject: Kik App --- UNCLASSIFIED//~~FOUO~~

b6
b7C

Classification: UNCLASSIFIED//~~FOUO~~

Gentlemen,

[redacted] Squad, out of the [redacted] Division is in the middle of prosecuting a CT case and has a handful of phones in their possession pursuant to a search. They are aware [redacted]

b6
b7C
b7E
b7A

[redacted] Can either of your respective units assist with guiding them on handling/searching the evidence as safely as possible, or if not, refer me to the appropriate place who might?

Many thanks in advance,

[redacted]

b6
b7C

=====
Classification: UNCLASSIFIED//~~FOUO~~

=====
Classification: UNCLASSIFIED//~~FOUO~~

=====
Classification: UNCLASSIFIED//~~FOUO~~

[redacted] (FBI)

From: [redacted] (FBI)
Sent: Tuesday, December 02, 2014 4:09 PM
To: [redacted] (FBI)
Cc: [redacted] (FBI); [redacted] (FBI)
Subject: RE: Kik App --- UNCLASSIFIED//~~FOUO~~

b6
b7C
b7E

Classification: UNCLASSIFIED//~~FOUO~~
=====

Hi [redacted]

b6
b7C
b7E

I asked [redacted] about this, because it did confuse me a bit. He clarified that the meeting [redacted] was discussing the

b7E

Examples of existing projects that analyze latent evidence [redacted]

This is a great time to have this discussion. Every version of every app encountered in a mobile device requires a [redacted] have been developing training curriculum (ahem, I mean, presentations and one-on-one interactions), to familiarize computer scientists [redacted] and we think it is now time to get everyone working together.

b7E

Working [redacted] initially, we've begun to [redacted] . Our goal is to get as many players to agree on a common definition that we can all use [redacted]

b7E

Back to Kik, [redacted]

b6
b7C
b7E

If we are able to agree to a common [redacted] definition, [redacted] benefit all LE partners. For example [redacted]

b7E

[redacted] all players could benefit from them.

I hope this helps to explain our point of view regarding differentiation between our respective missions and mobile data. I'd be happy to talk more, just let me know when you'd like to get together!

b6
b7C

From: [redacted] (FBI)
Sent: Monday, December 01, 2014 5:16 PM
To: [redacted] (FBI)
Cc: [redacted] (FBI)
Subject: RE: Kik App --- UNCLASSIFIED//~~FOUO~~

b6
b7C
b7E

Classification: UNCLASSIFIED//~~FOUO~~
=====

Hey [redacted]

b6
b7C
b7E

Based on the meeting that took place last year, it is my understanding that this analysis [redacted]
[redacted] Please see
attached email where [redacted] summarized these conclusions. It appears from your email below, that [redacted]
[redacted] Thoughts?

[redacted]

<< Message: RE [redacted] SVTC --- UNCLASSIFIED//~~FOUO~~>>

From: [redacted] (FBI)
Sent: Monday, December 01, 2014 1:59 PM
To: [redacted] (FBI)
Cc: [redacted] (FBI); [redacted] (FBI); [redacted] (FBI); [redacted] (FBI); [redacted] (FBI); [redacted] (FBI)
Subject: RE: Kik App --- UNCLASSIFIED//~~FOUO~~

b6
b7C

Classification: UNCLASSIFIED//~~FOUO~~
=====

Hi [redacted]

b6
b7C
b7E

The best strategy will likely be to [redacted]
[redacted]

What are the makes/models of the devices?

[redacted] can provide further guidance (CC'd).

b6
b7C
b7E

Thanks,

[redacted]

From: [redacted] (FBI)
Sent: Wednesday, November 26, 2014 5:14 PM
To: [redacted] (FBI); [redacted] (FBI)
Cc: [redacted] (FBI); [redacted] (FBI)
Subject: Kik App --- UNCLASSIFIED//~~FOUO~~

b6
b7C
b7E

Classification: UNCLASSIFIED//~~FOUO~~
=====

Gentlemen,

[redacted] Squad, out of the [redacted] Division is in the middle of prosecuting a CT case and has a handful of phones in their possession pursuant to a search. They are aware [redacted]
[redacted]
[redacted] Can either of your respective units assist with guiding them on handling/searching the evidence as safely as possible, or if not, refer me to the appropriate place who might?

b6
b7C
b7E
b7A

Many thanks in advance,

[redacted]

b6
b7C

=====
Classification: UNCLASSIFIED//~~FOUO~~

=====
Classification: UNCLASSIFIED//~~FOUO~~

=====
Classification: UNCLASSIFIED//~~FOUO~~

=====
Classification: UNCLASSIFIED//~~FOUO~~

[REDACTED] (FBI)

b6
b7C
b7E

From: [REDACTED] (FBI)
Sent: Tuesday, December 02, 2014 5:11 PM
To: [REDACTED] (FBI); [REDACTED] (FBI); [REDACTED] (OGA)
Cc: [REDACTED] (FBI); [REDACTED] (FBI); [REDACTED] (FBI); [REDACTED] (FBI); [REDACTED] (FBI)
Subject: RE: Kik App --- UNCLASSIFIED//~~FOUO~~

Classification: UNCLASSIFIED//~~FOUO~~
=====

Hey [REDACTED]
I think it would be worthwhile to possibly have a SVCT where we can discuss with you what we have conducted and what we believe we are missing. We have had the [REDACTED] but the issue is that known Kik materials are [REDACTED]
[REDACTED] on the phone as well.

b6
b7C
b7E

Please let me know when you might be available as we would greatly appreciate the opportunity to get your advice on how to proceed.

Thanks

b6
b7C
b7E

From: [REDACTED] (FBI)
Sent: Monday, December 01, 2014 12:59 PM
To: [REDACTED] (FBI)
Cc: [REDACTED] (FBI); [REDACTED] (FBI); [REDACTED] (FBI); [REDACTED] (FBI); [REDACTED] (FBI); [REDACTED] (FBI); [REDACTED] (FBI)
Subject: RE: Kik App --- UNCLASSIFIED//~~FOUO~~

b6
b7C
b7E

Classification: UNCLASSIFIED//~~FOUO~~
=====

[REDACTED]
Please let me know when you would like to discuss this case. We have historically been able to [REDACTED]
[REDACTED] Apps are consistently updated [REDACTED]
[REDACTED]

b6
b7C
b7E

A couple of suggestions and questions:

[Redacted]

b6
b7C
b7E

Let me know when you want to discuss.

[Redacted]

b6
b7C
b7E

Please Visit our [Redacted] Website

From: [Redacted] (FBI)
Sent: Monday, December 01, 2014 1:59 PM
To: [Redacted] (FBI)
Cc: [Redacted] (FBI); [Redacted] (FBI); [Redacted] (FBI); [Redacted] (FBI); [Redacted] (FBI); [Redacted] (FBI)
Subject: RE: Kik App --- UNCLASSIFIED//~~FOUO~~

b6
b7C
b7E

Classification: UNCLASSIFIED//~~FOUO~~
=====

Hi [Redacted]

b6
b7C
b7E

The best strategy will likely be to [Redacted]
[Redacted]

What are the makes/models of the devices?

[Redacted] can provide further guidance (CC'd).

b6
b7C
b7E

Thanks,

[Redacted]

From: [Redacted] (FBI)

b6
b7C
b7E

Sent: Wednesday, November 26, 2014 5:14 PM

To: [redacted] (FBI); [redacted] (FBI)

Cc: [redacted] (FBI); [redacted] (FBI)

Subject: Kik App --- UNCLASSIFIED//~~FOUO~~

b6
b7C
b7E

Classification: UNCLASSIFIED//~~FOUO~~

=====

Gentlemen,

[redacted] Squad, out of the [redacted] Division is in the middle of prosecuting a CT case and has a handful of phones in their possession pursuant to a search. They are aware [redacted]

b6
b7C
b7E
b7A

[redacted] Can either of your respective units assist with guiding them on handling/searching the evidence as safely as possible, or if not, refer me to the appropriate place who might?

Many thanks in advance,

[redacted]

b6
b7C

=====

Classification: UNCLASSIFIED//~~FOUO~~

=====

Classification: UNCLASSIFIED//~~FOUO~~

=====

Classification: UNCLASSIFIED//~~FOUO~~

=====

Classification: UNCLASSIFIED//~~FOUO~~

[REDACTED] (FBI)

b6
b7C
b7E

From: [REDACTED] (FBI)
Sent: Wednesday, December 03, 2014 9:17 AM
To: [REDACTED] (FBI); [REDACTED] (FBI); [REDACTED]
(OGA)
Cc: [REDACTED] (FBI); [REDACTED] (FBI); [REDACTED] (FBI); [REDACTED]
(FBI); [REDACTED] (FBI); [REDACTED] (FBI)
Subject: RE: Kik App --- UNCLASSIFIED//~~FOUO~~

Classification: UNCLASSIFIED//~~FOUO~~
=====

[REDACTED]

b6
b7C
b7E

Let me know when you are available and a couple of our folks will do our best to get together to hear what is going on. We are familiar [REDACTED] as well. If you can provide any information [REDACTED] [REDACTED] it will help us understand what we are dealing with.

Feel free to give me a call at my desk or mobile to setup a time.

[REDACTED]

b6
b7C
b7E

Please Visit our [REDACTED] Website

From: [REDACTED] (FBI)
Sent: Tuesday, December 02, 2014 5:11 PM
To: [REDACTED] (FBI); [REDACTED] (FBI); [REDACTED] (OGA)
Cc: [REDACTED] (FBI); [REDACTED] (FBI); [REDACTED] (FBI); [REDACTED] (FBI); [REDACTED]
Subject: RE: Kik App --- UNCLASSIFIED//~~FOUO~~

b6
b7C
b7E

Classification: UNCLASSIFIED//~~FOUO~~
=====

Hey [REDACTED]
I think it would be worthwhile to possibly have a SVCT where we can discuss with you what we have conducted and what we believe we are missing. We have had the [REDACTED] but the issue is that known Kik materials are [REDACTED] on the phone as well.

b6
b7C
b7E

Please let me know when you might be available as we would greatly appreciate the opportunity to get your advice on how to proceed.

b6
b7C
b7E

b6
b7C
b7E

Please let me know when you would like to discuss this case. We have historically been able to [REDACTED]
[REDACTED] Apps are consistently updated [REDACTED]
[REDACTED]

--

b6
b7C
b7E

--

b6
b7C
b7E

From: [redacted] (FBI)
Sent: Monday, December 01, 2014 1:59 PM
To: [redacted] (FBI)
Cc: [redacted] (FBI); [redacted] (FBI); [redacted] (FBI); [redacted] (FBI); [redacted] (FBI); [redacted] (FBI)
Subject: RE: Kik App --- UNCLASSIFIED//~~FOUO~~

b6
b7C
b7E

Classification: UNCLASSIFIED//~~FOUO~~
=====

Hi [redacted]

b6
b7C
b7E

The best strategy will likely be to [redacted]

[redacted]

What are the makes/models of the devices?

[redacted] can provide further guidance (CC'd).

b6
b7C
b7E

Thanks,

[redacted]

From: [redacted] (FBI)
Sent: Wednesday, November 26, 2014 5:14 PM
To: [redacted] (FBI); [redacted] (FBI)
Cc: [redacted] (FBI); [redacted] (FBI)
Subject: Kik App --- UNCLASSIFIED//~~FOUO~~

b6
b7C
b7E

Classification: UNCLASSIFIED//~~FOUO~~
=====

Gentlemen,

[redacted] Squad, out of the [redacted] Division is in the middle of prosecuting a CT case and has a handful of phones in their possession pursuant to a search. They are aware [redacted]

b6
b7C
b7E
b7A

[redacted] Can either of your respective units assist with guiding them on handling/searching the evidence as safely as possible, or if not, refer me to the appropriate place who might?

Many thanks in advance,

[redacted]

b6
b7C

=====
Classification: UNCLASSIFIED//~~FOUO~~

=====
Classification: UNCLASSIFIED//~~FOUO~~

=====
Classification: UNCLASSIFIED//~~FOUO~~

=====
Classification: UNCLASSIFIED//~~FOUO~~

=====
Classification: UNCLASSIFIED//~~FOUO~~

[REDACTED] (FBI)

b6
b7C
b7E

From: [REDACTED] (FBI)
Sent: Wednesday, December 03, 2014 12:38 PM
To: [REDACTED] (FBI)
Subject: RE: Kik App --- UNCLASSIFIED//~~FOUO~~

Classification: UNCLASSIFIED//~~FOUO~~
=====

[REDACTED]

We've already had this discussion numerous times. In fact, you attended the original meeting at which these missions were defined. Since then, every meeting to re-clarify the missions has been triggered by [REDACTED] stepping beyond the missions agreed to previously. And since then, every follow on meeting has served only to re-iterate and re-establish what had been previously determined.

b6
b7C
b7E

It is true that many entities touch or are touched by mobile devices, however when it comes to [REDACTED] the missions [REDACTED] could not be more simple than what has been initially agreed to and subsequently reaffirmed:

b7E

[REDACTED]

Your email suggests that [REDACTED] and that simply does not square with any previous understandings between our units. I don't understand why this remains a point of confusion.

b7E

Mobile devices are literally nothing more than hand-held computers. They run on operating systems that are less familiar than traditional computers, but there should be no illusions – they are computers. [REDACTED] In the end, though, they are just computers and they should be treated no differently than we treat any computer. [REDACTED] It can't be much more simple than that, and making it more complicated is not helpful. Frankly, it's frustrating.

b7E

If this is not clear, then by all means let's have this discussion yet another time. We will continue to do so until these logical and previously agreed upon missions are clear to all.

Please give me a call at your convenience so we can discuss if necessary.

[REDACTED]
b6
b7C

From: [REDACTED] (FBI)

b6
b7C
b7E

Sent: Wednesday, December 03, 2014 9:20 AM
To: [redacted] (FBI)
Subject: FW: Kik App --- UNCLASSIFIED//~~FOUO~~

b6
b7C
b7E

Classification: UNCLASSIFIED//~~FOUO~~
=====

You called it...

From: [redacted] (FBI)
Sent: Tuesday, December 02, 2014 4:09 PM
To: [redacted] (FBI)
Cc: [redacted] (FBI); [redacted] (FBI)
Subject: RE: Kik App --- UNCLASSIFIED//~~FOUO~~

b6
b7C
b7E

Classification: UNCLASSIFIED//~~FOUO~~
=====

Hi [redacted]

b6
b7C
b7E

I asked [redacted] about this, because it did confuse me a bit. He clarified that the meeting [redacted] was discussing the

[redacted]

[redacted]

b7E

Examples of existing projects that analyze latent evidence [redacted]

[redacted]

This is a great time to have this discussion. Every version of every app encountered in a mobile device requires a [redacted] have been developing training curriculum (ahem, I mean, presentations and one-on-one interactions), to familiarize computer scientists [redacted]

b7E

[redacted]
[redacted] and we think it is now time to get everyone working together.

Working [redacted] initially, we've begun to [redacted]

b7E

[redacted] Our goal is to get as many players to agree on a common definition that we can all use [redacted]
[redacted]

Back to Kik [redacted]

b6
b7C
b7E

[redacted]

If we are able to agree to a common [redacted] definition, [redacted]
benefit all LE partners. For example, [redacted]
[redacted] all players could benefit from them.

b7E

I hope this helps to explain our point of view regarding differentiation between our respective missions and mobile data.
I'd be happy to talk more, just let me know when you'd like to get together!

[redacted]

b6
b7C

From: [redacted] (FBI)
Sent: Monday, December 01, 2014 5:16 PM
To: [redacted] (FBI)
Cc: [redacted] (FBI)
Subject: RE: Kik App --- UNCLASSIFIED//~~FOUO~~

b6
b7C
b7E

Classification: UNCLASSIFIED//~~FOUO~~
=====

Hey [redacted]

b6
b7C
b7E

Based on the meeting that took place last year, it is my understanding that this analysis [redacted]
[redacted] Please see
attached email where [redacted] summarized these conclusions. It appears from your email below, that [redacted]
[redacted] Thoughts?
[redacted]

<< Message: RE: [redacted] SVTC --- UNCLASSIFIED//~~FOUO~~ >>

From: [redacted] (FBI)
Sent: Monday, December 01, 2014 1:59 PM
To: [redacted] (FBI)
Cc: [redacted] (FBI); [redacted] (FBI); [redacted] (FBI); [redacted] (FBI); [redacted] (FBI); [redacted] (FBI); [redacted] (FBI)
Subject: RE: Kik App --- UNCLASSIFIED//~~FOUO~~

b6
b7C
b7E

Classification: UNCLASSIFIED//~~FOUO~~
=====

Hi [redacted]

b6
b7C
b7E

The best strategy will likely be to [redacted]
[redacted]

What are the makes/models of the devices?

[redacted] can provide further guidance (CC'd).

b6
b7C
b7E

Thanks,

[redacted]

From: [redacted] (FBI)
Sent: Wednesday, November 26, 2014 5:14 PM
To: [redacted] (FBI); [redacted] (FBI)
Cc: [redacted] (FBI); [redacted] (FBI)
Subject: Kik App --- UNCLASSIFIED//~~FOUO~~

b6
b7C
b7E

Classification: UNCLASSIFIED//~~FOUO~~

Gentlemen,

[redacted] Squad, out of the [redacted] Division is in the middle of prosecuting a CT case and has a handful of phones in their possession pursuant to a search. They are aware [redacted]
[redacted]
[redacted] Can either of your respective units assist with guiding them on handling/searching the evidence as safely as possible, or if not, refer me to the appropriate place who might?

b6
b7C
b7E
b7A

Many thanks in advance,

[redacted]

b6
b7C

=====
Classification: UNCLASSIFIED//~~FOUO~~

=====
Classification: UNCLASSIFIED//~~FOUO~~

=====
Classification: UNCLASSIFIED//~~FOUO~~

=====
Classification: UNCLASSIFIED//~~FOUO~~

=====
Classification: UNCLASSIFIED//~~FOUO~~

=====
Classification: UNCLASSIFIED//~~FOUO~~